25

5

10

Claims

- 1. A method comprising: receiving records of medical procedures;
- in an automated manner, using a set of expert rules to determine the specialty of physicians by applying the rules to the records of medical procedures.
 - 2. The method of claim 1, wherein the method includes determining a list of specialties.
 - 3. The method of claim 1, wherein the method includes determining a specialty and substituting the determined specialty when the records listed a specialty as internal medicine.
 - 4. The method of claim 1, wherein the method includes determining a specialty other than radiology when a specialty in the records is listed as radiology.
 - 5. The method of claim 1, wherein the determining includes using the ages of patients.
 - 6. The method of claim 1, wherein the determining includes using procedures.
- 7. The method of claim 6, wherein the procedures are determined by CPT4 and/or HCPCS codes.
 - 8. The method of claim 1, wherein the determining includes using diagnoses.
- 9. The method of claim 6, wherein the diagnoses are determined by ICD-9 codes.

5

10

- 10. The method of claim 1, wherein the determining includes using a combination of patient ages, procedures, and diagnoses.
 - 11. A system comprising:
 - a database for storing records of medical procedures:
- a processor programmed to use a set of rules to determine the specialties of physicians by applying the rules to the records of medical procedures.
- 12. The system of claim 11, wherein the processor determines a specialty and substitutes the determined specialty when the records listed a specialty as internal medicine.
- 13. The system of claim 11, wherein the processor determines a specialty other than radiology when a specialty in the records is listed as radiology.
- 14. The system of claim 11, wherein the processor determines a specialty includes using the ages of patients.
- 15. The system of claim 11, wherein the processor determines a specialty using procedures.
- 16. The system of claim 15, wherein the procedures are determined by CPT4 and/or HCPCS codes.
- 17. The system of claim 11, wherein the processor determines a specialty using diagnoses.
 - 18. The method of claim 17, wherein the diagnoses are determined by ICD-9 codes.

25

19. The system of claim 11, wherein the processor determines a specialty includes using a combination of patient ages, procedures, and diagnoses.